

03040205-040
(Mechanicsville Swamp)

General Description

Watershed 03040205-040 is located in Lee County and consists primarily of **Mechanicsville Swamp** and its tributaries. The watershed occupies 12,368 acres of the Upper Coastal Plain region of South Carolina. The predominant soil types consist of an association of the Wagram-Pelion-Norfolk-Applying series. The erodibility of the soil (K) averages 0.16; the slope of the terrain averages 5%, with a range of 0-15%. Land use/land cover in the watershed includes: 44.2% agricultural land, 30.1% forested land, 17.0% scrub/shrub land, 7.0% forested wetland (swamp), 1.3% water, and 0.4% nonforested wetland (marsh).

McGrits Creek flows through McGrits Millpond and Ashwood Lake before flowing into Mechanicsville Swamp. Mechanicsville Swamp then drains into the Scape Ore Swamp Watershed. There are 19.2 stream miles and a few lakes (totaling 141.4 acres) in this watershed, all classified FW.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
PD-356	W	FW	MECHANICSVILLE SWAMP AT S-31-500

Mechanicsville Swamp (PD-356) - Aquatic life uses are fully supported. This is a blackwater system, characterized by naturally low pH. Although pH excursions occurred, they were typical of values seen in blackwater systems and were considered natural, not standards violations. Recreational uses are partially supported due to fecal coliform bacteria excursions.

Ashwood Lake - Ashwood Lake is a 75-acre impoundment on McGrits Creek, with a maximum depth of approximately 13 feet (4.0 meters) and an average depth of three feet (0.9 meters). The lake's watershed comprises 10 square miles (27 km²). Ashwood Lake was stocked with 750 grass carp in 1989 and treated with aquatic herbicides in 1990, 1992, and 1995 to control aquatic plants and provide access for boating and fishing. The treatments were successful and no further treatments have been necessary to control the aquatic plants.

Nonpoint Source Management Program

Land Disposal Activities

Landfill Facilities

LANDFILL NAME	PERMIT #
FACILITY TYPE	STATUS
ASHWOOD DUMP	-----
-----	CLOSED

Growth Potential

There is a low potential for growth in this watershed.